

FIG. 2



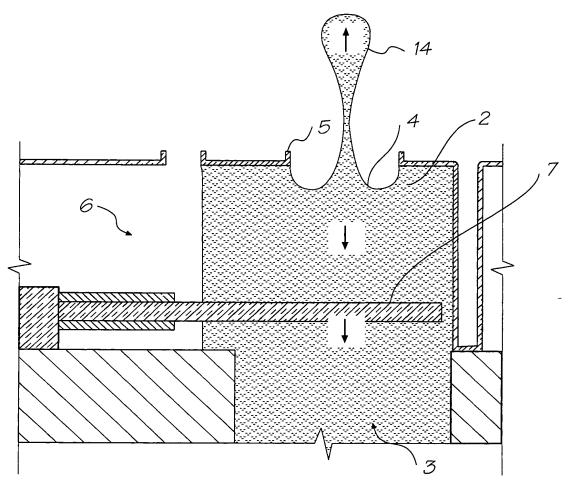


FIG. 3

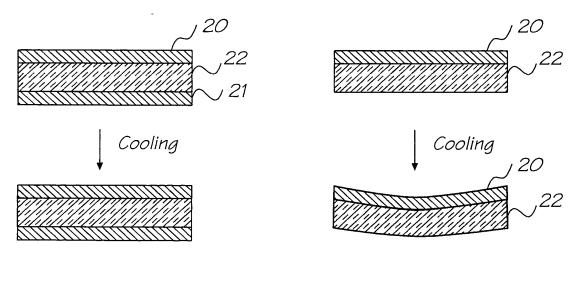


FIG. 4

FIG. 5

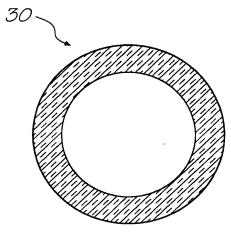


FIG. 6



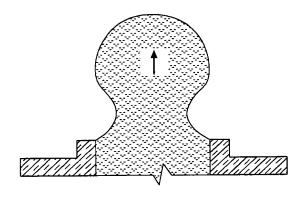
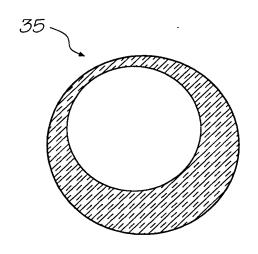


FIG. 7



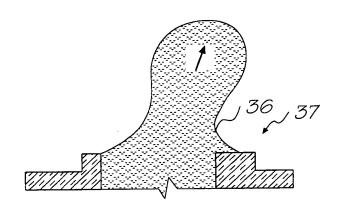
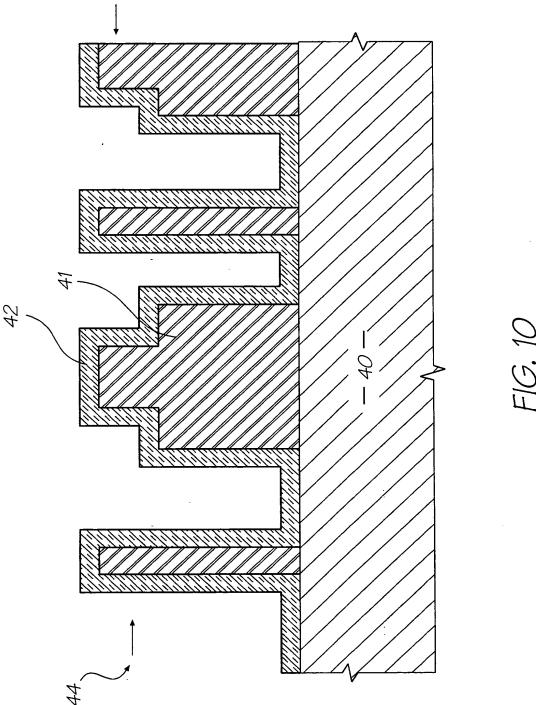
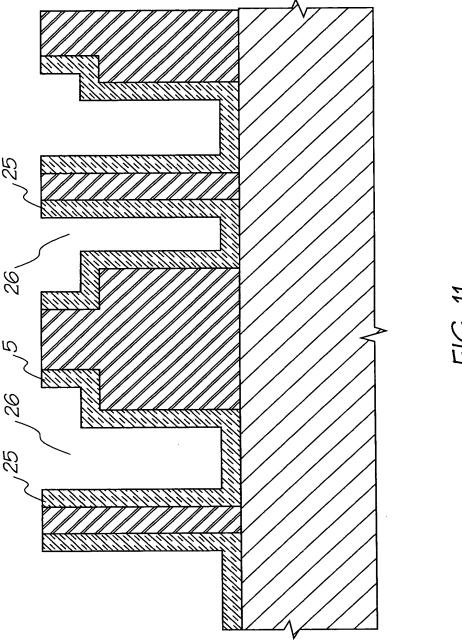


FIG. 8

FIG. 9





F1G. 11

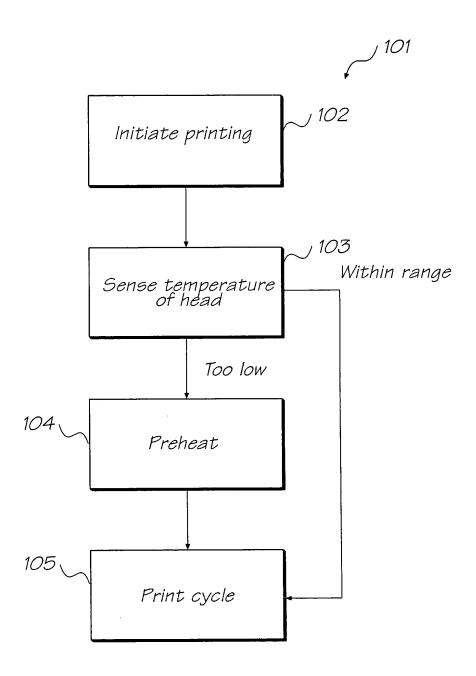
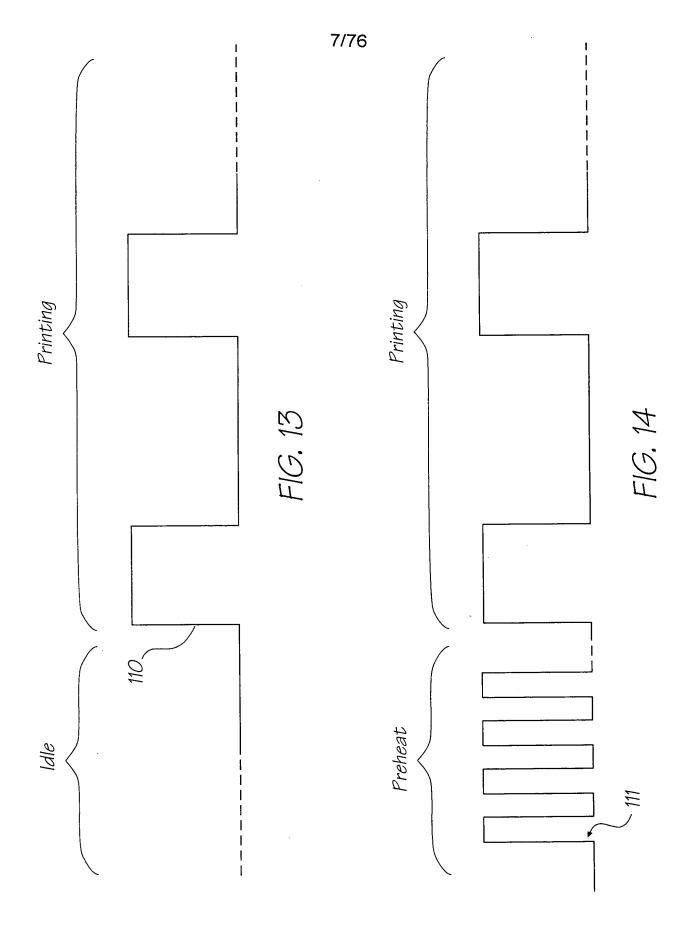
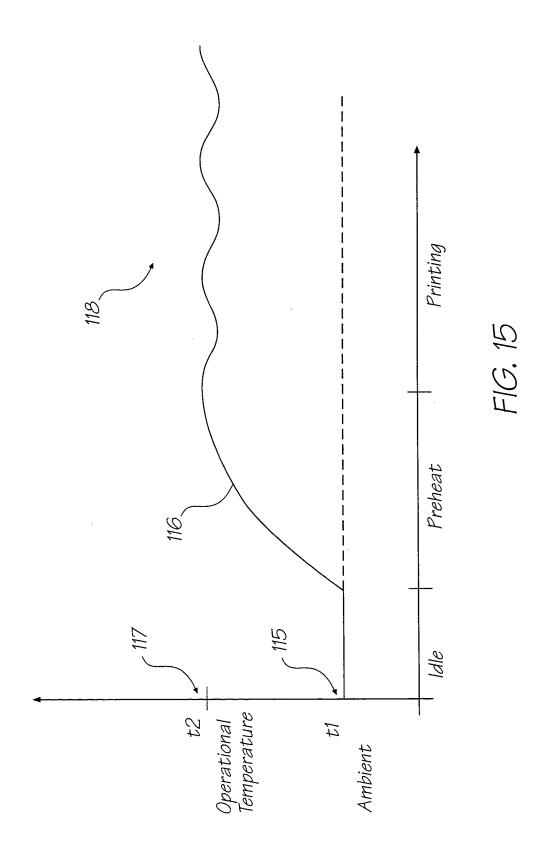
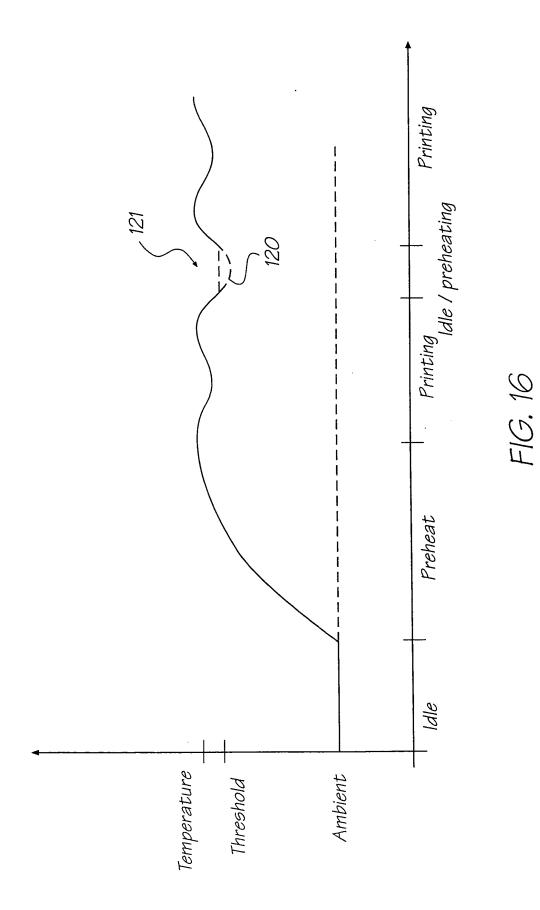


FIG. 12







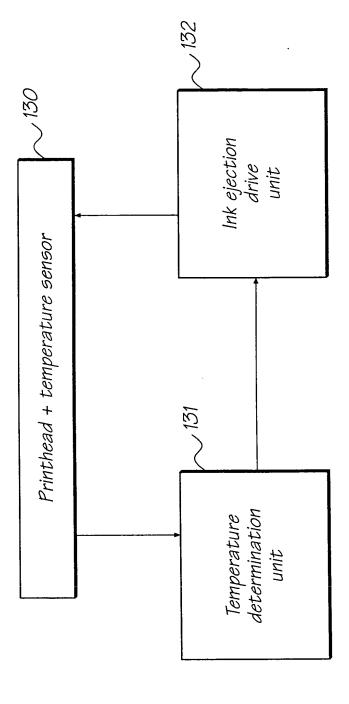
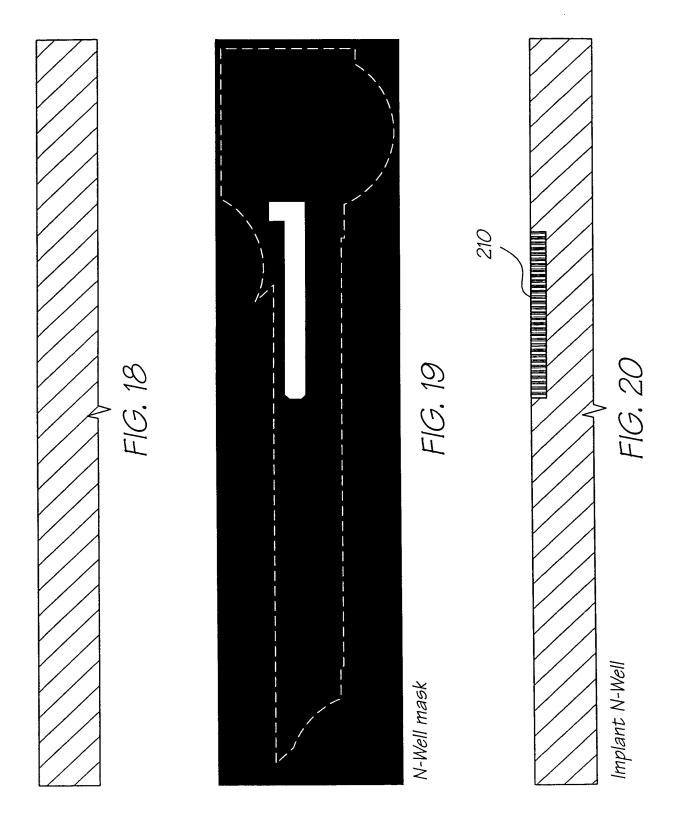
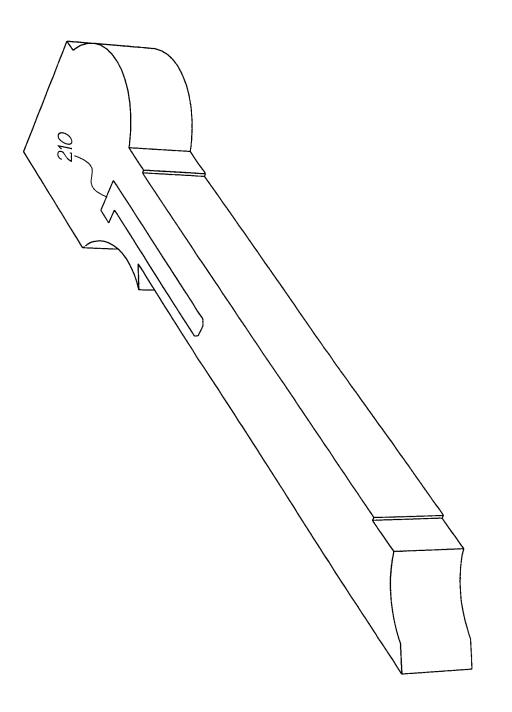
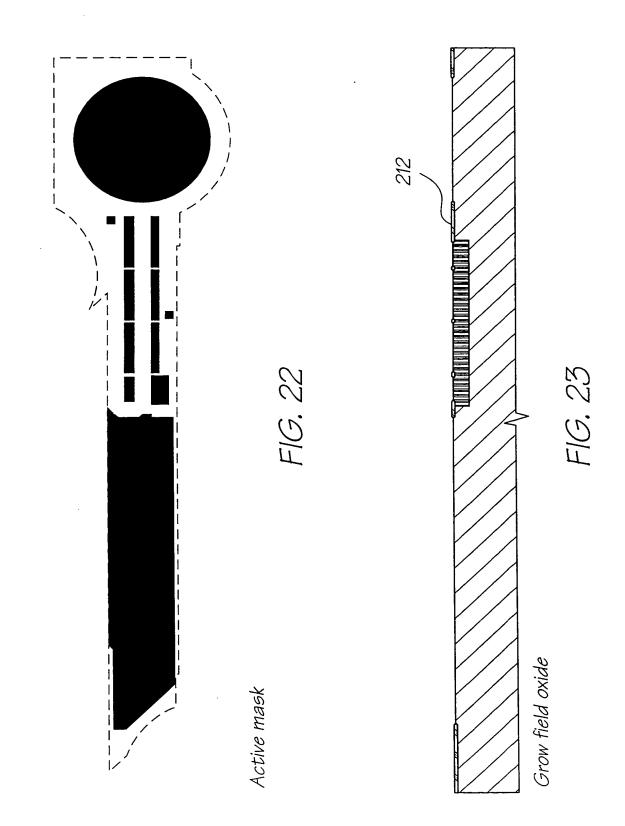


FIG. 17





F1G. 21



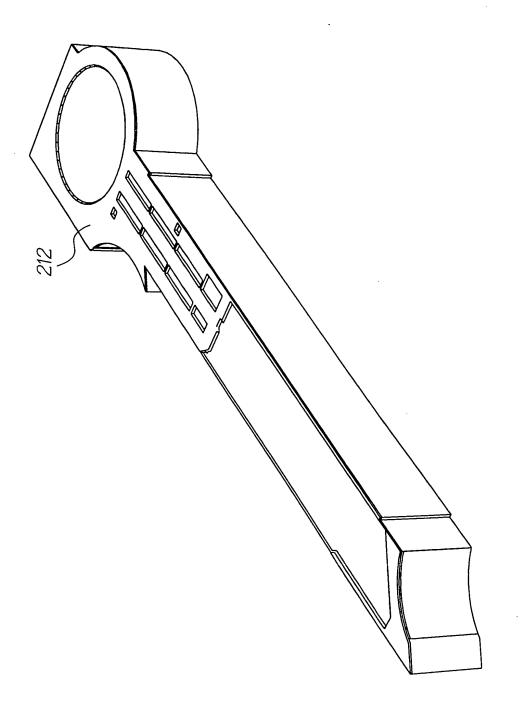
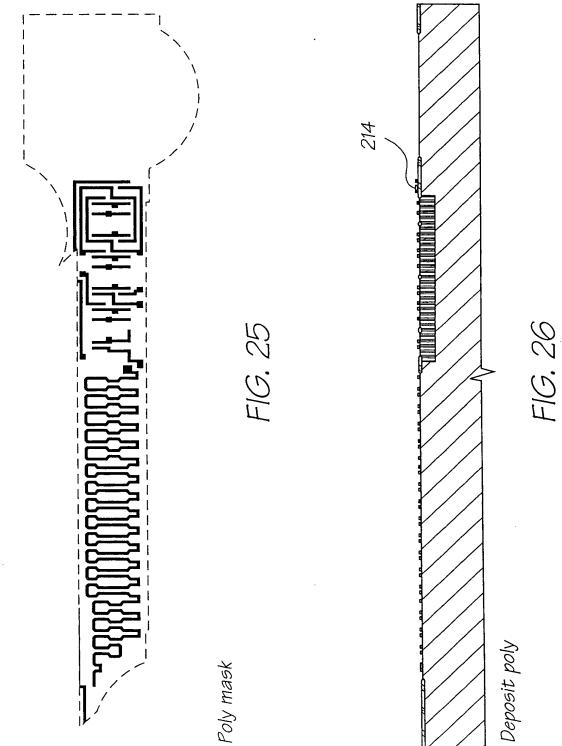


FIG. 24



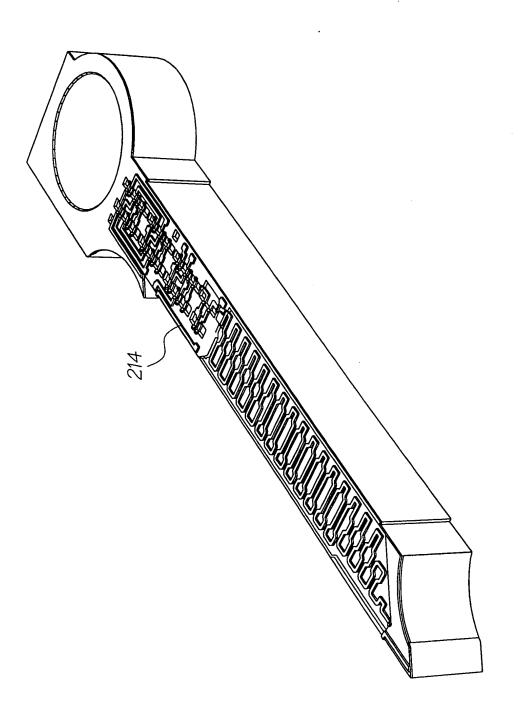
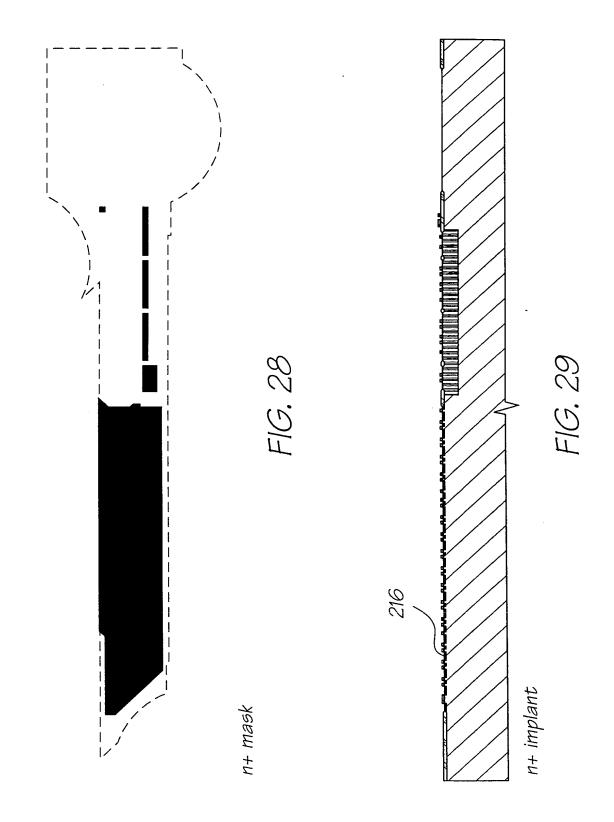
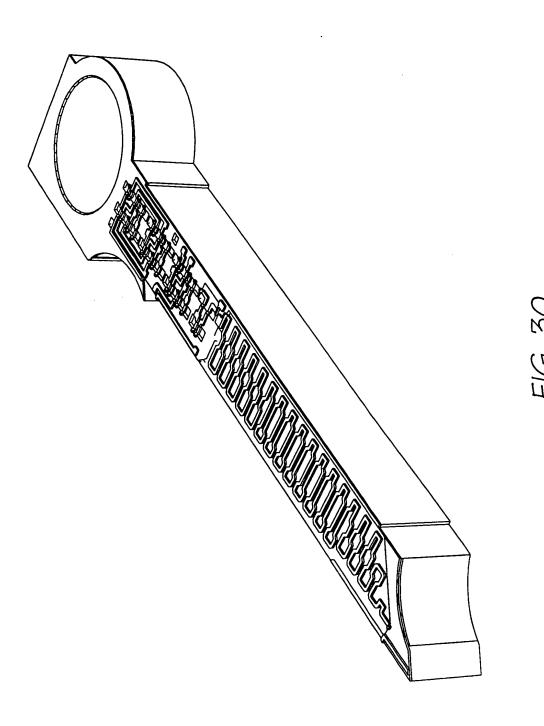
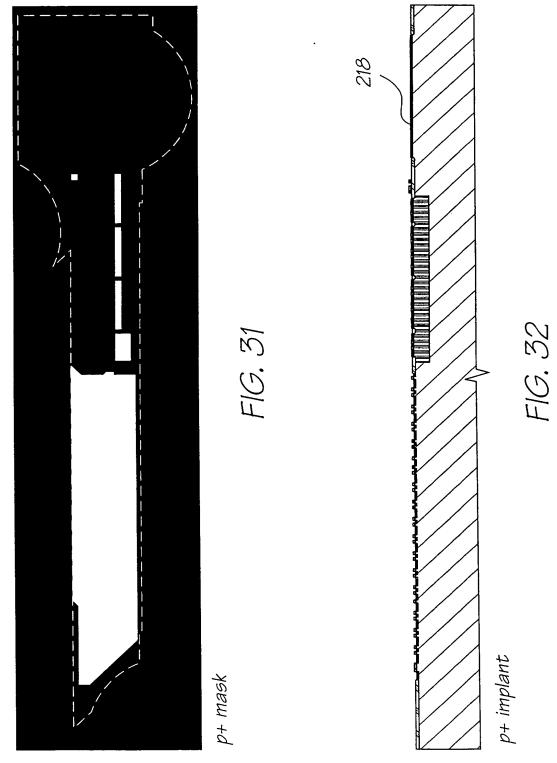
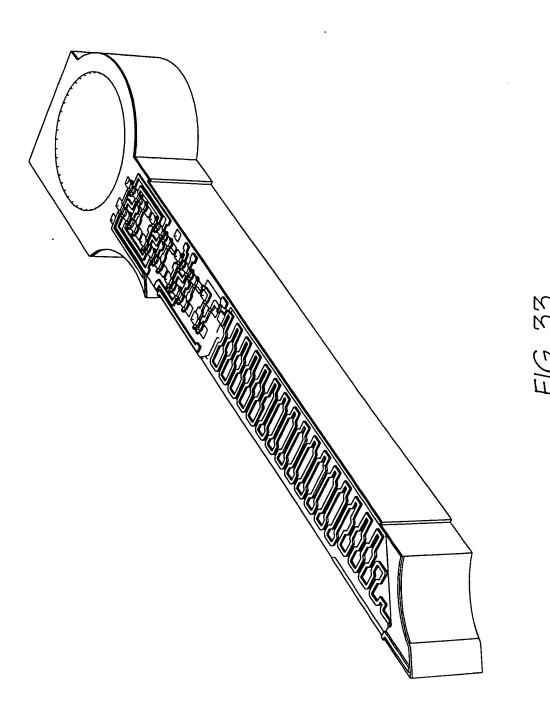


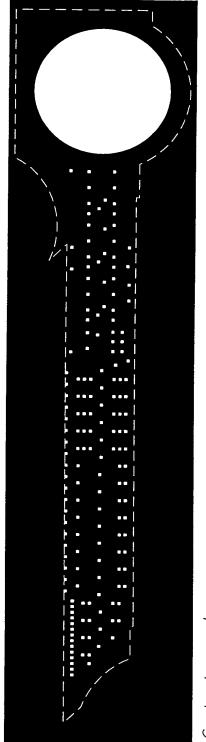
FIG. 27





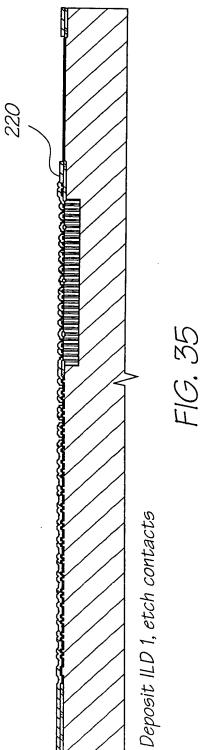


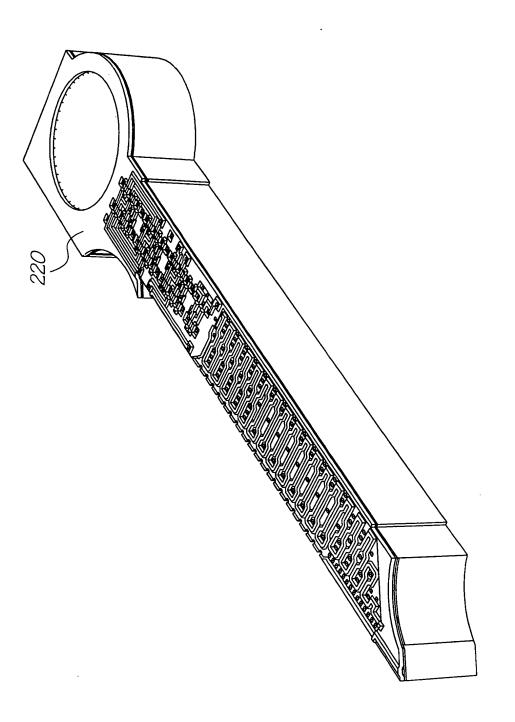




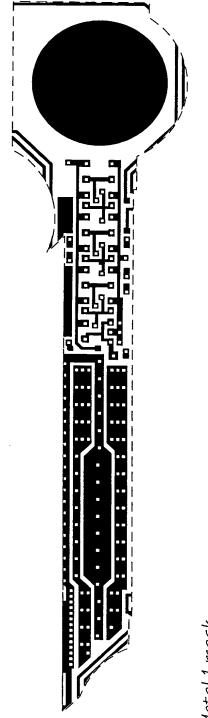
Contacts mask

FIG. 34

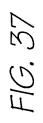


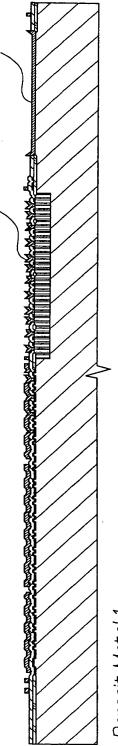


F10.30



Metal 1 mask





224

Deposit Metal 1

FIG. 38

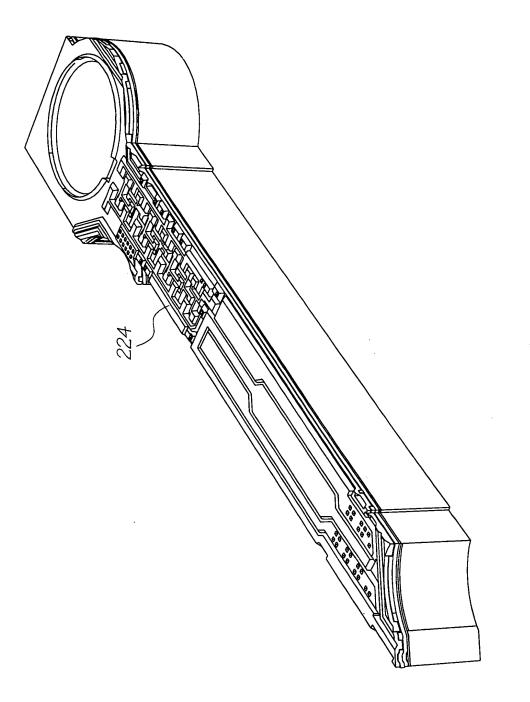
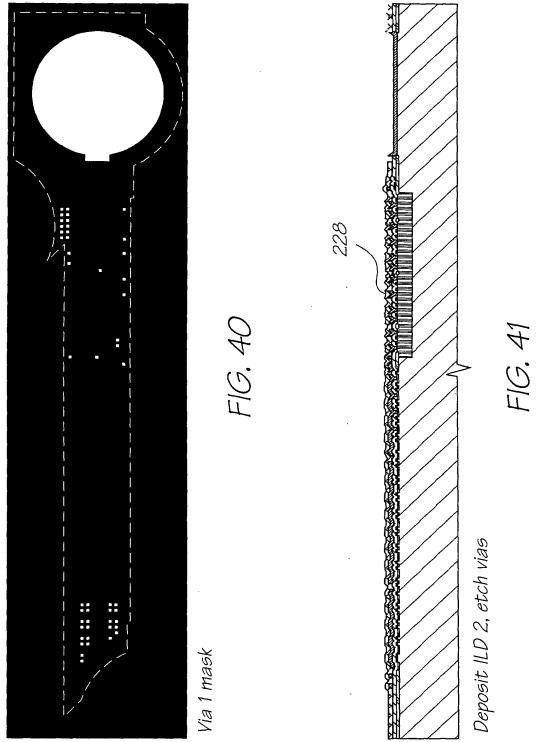
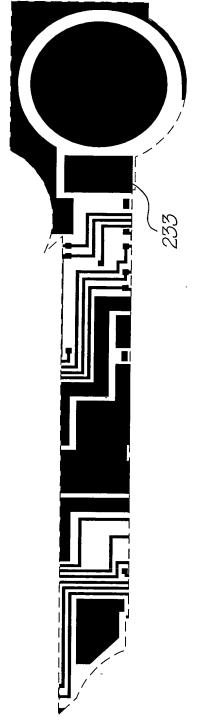


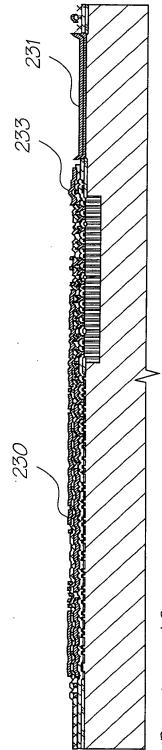
FIG. 39





Metal 2 mask

FIG. 42



Deposit metal 2

FIG. 43

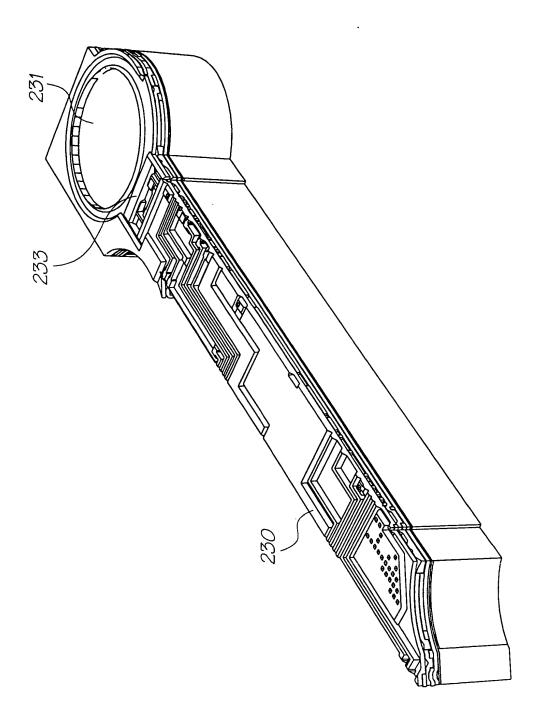
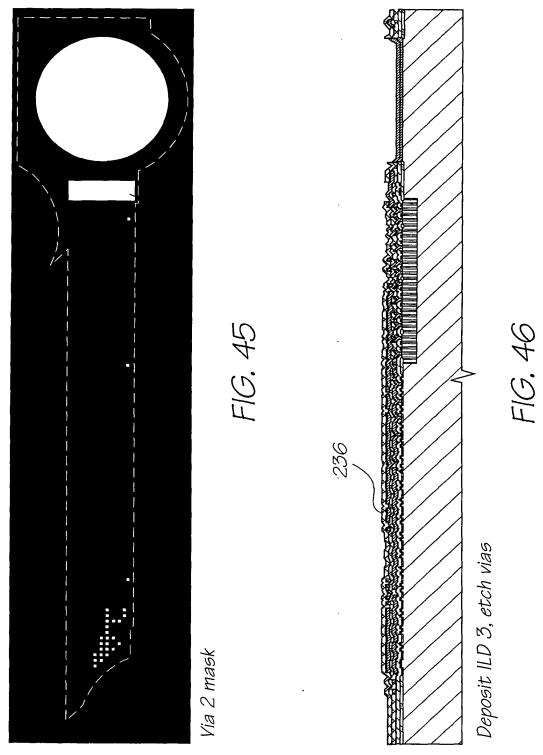
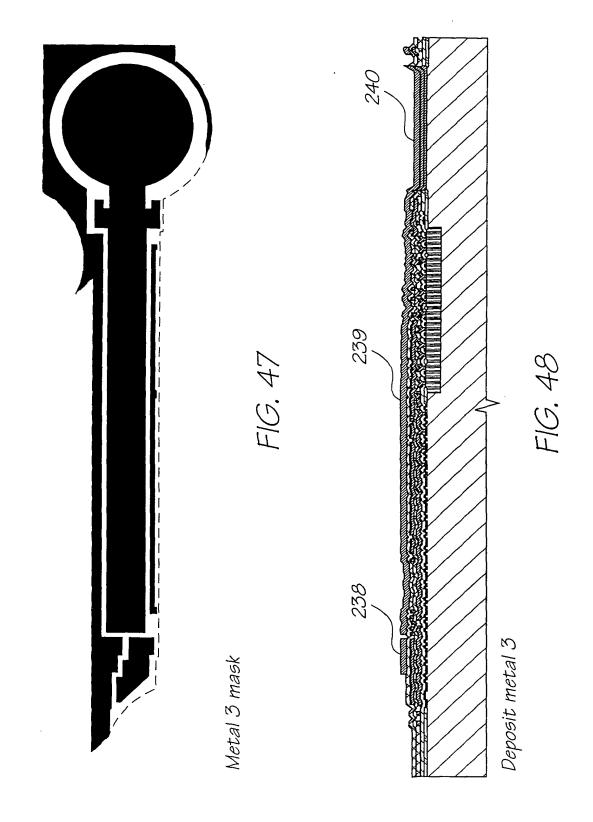


FIG. 44





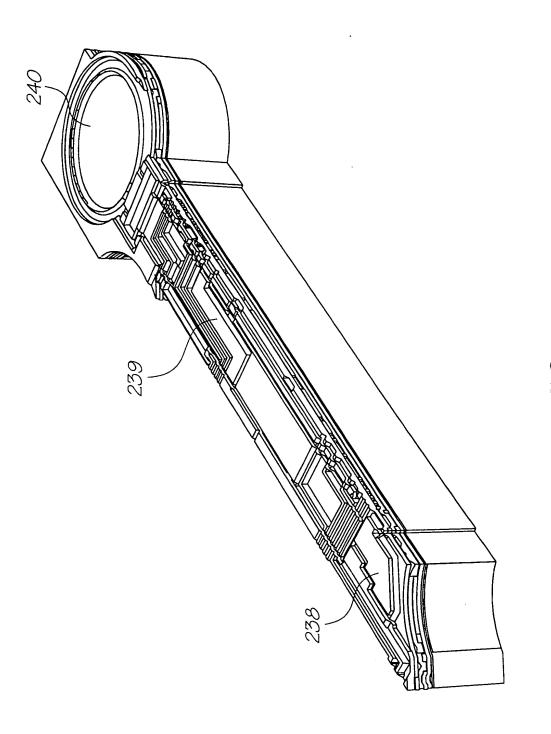
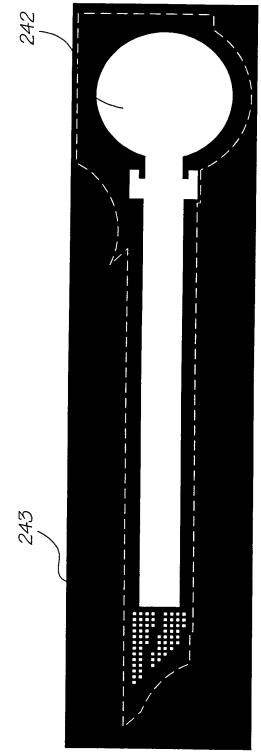
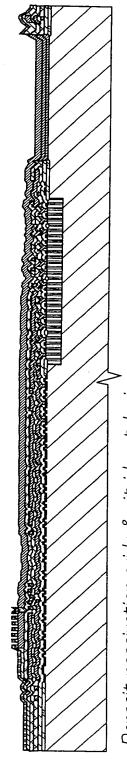


FIG. 43



Via 3 / Passivation mask

FIG. 50



Deposit passivation oxide & nitride, etch vias

FIG. 51

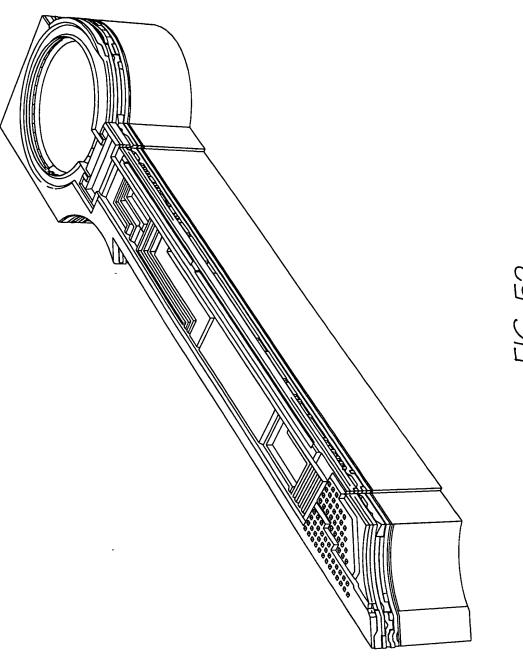
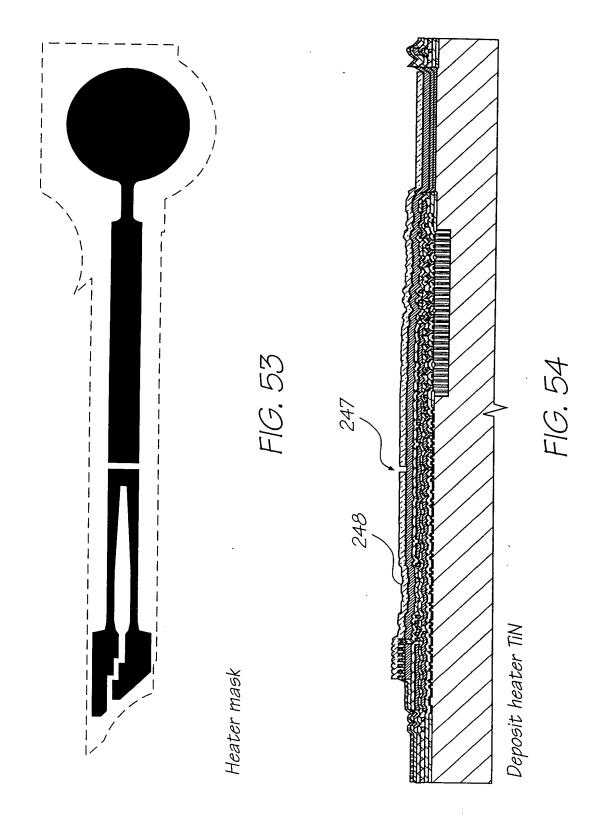
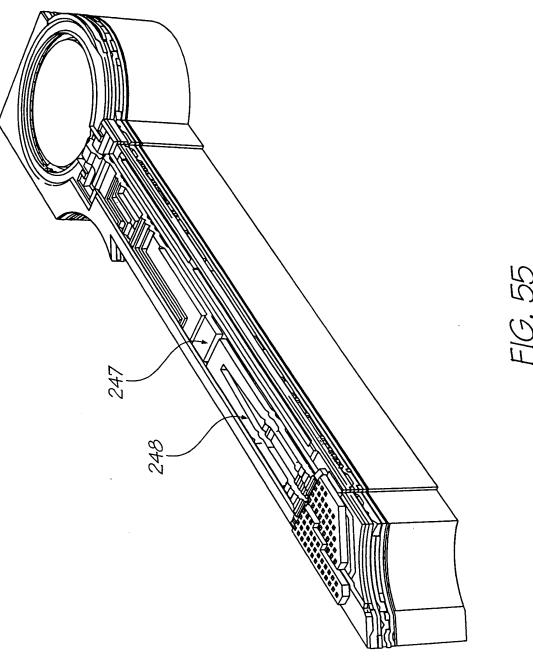
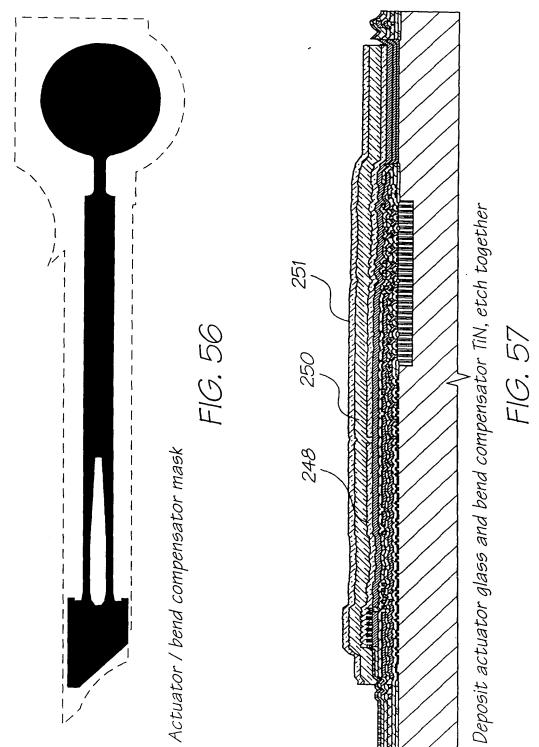


FIG. 52







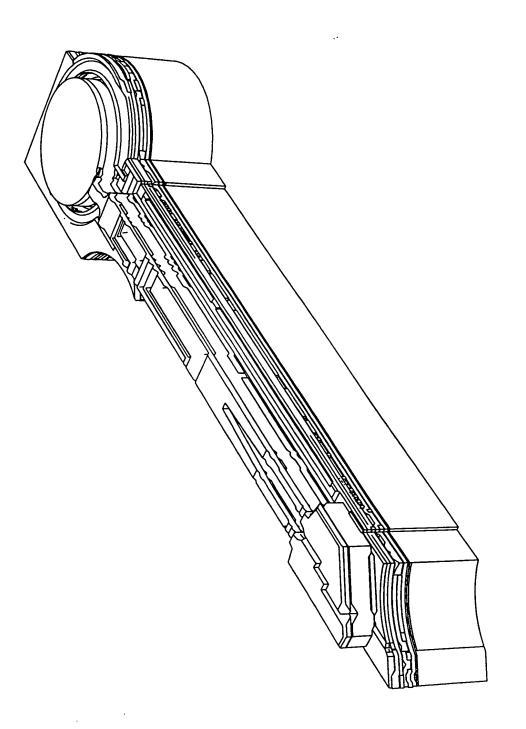
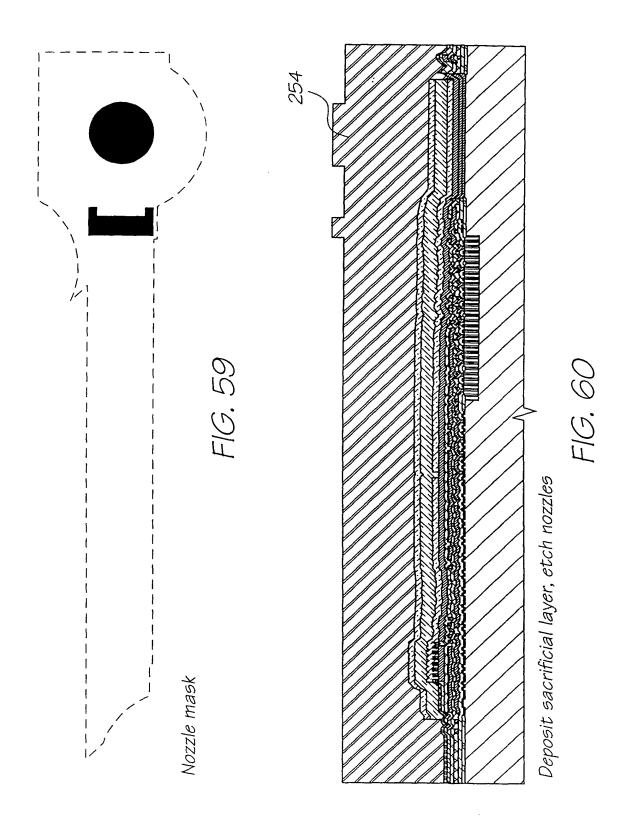
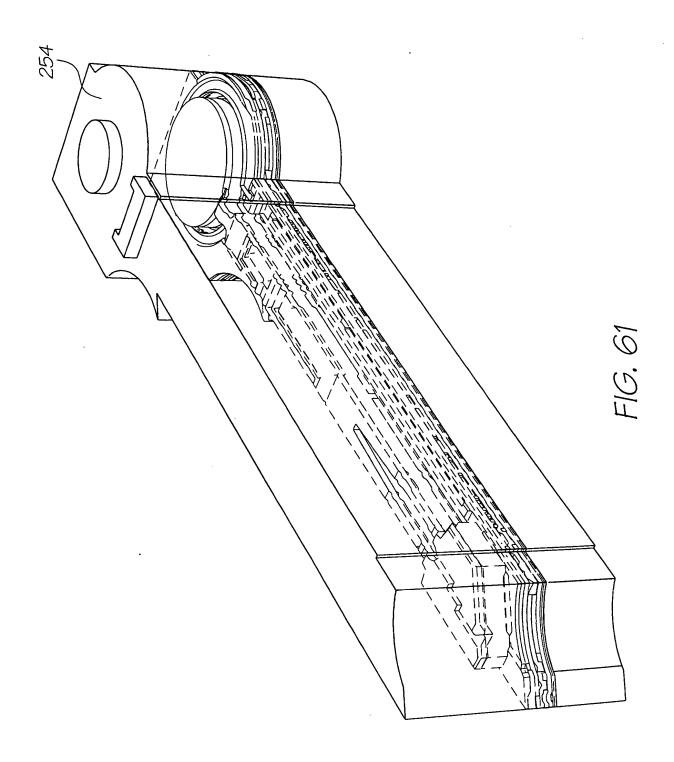
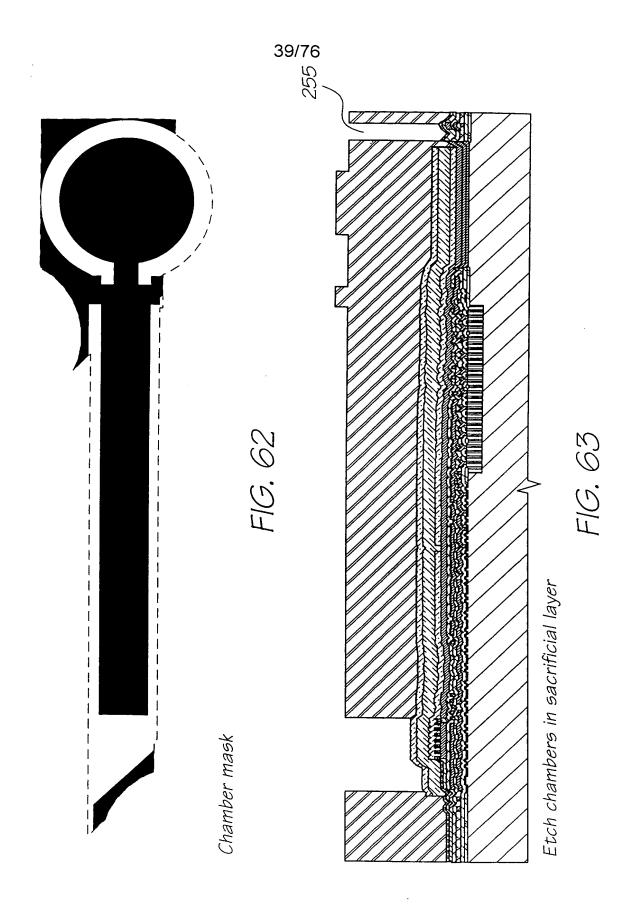
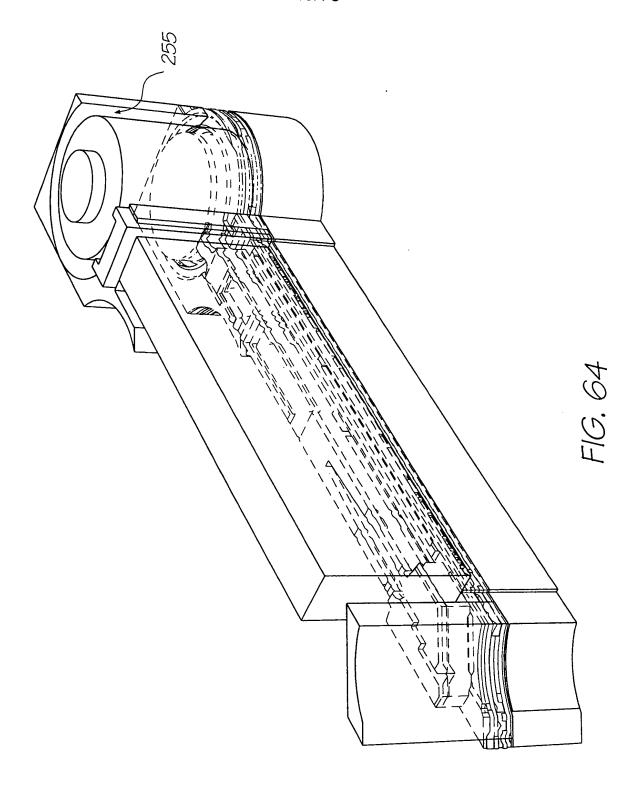


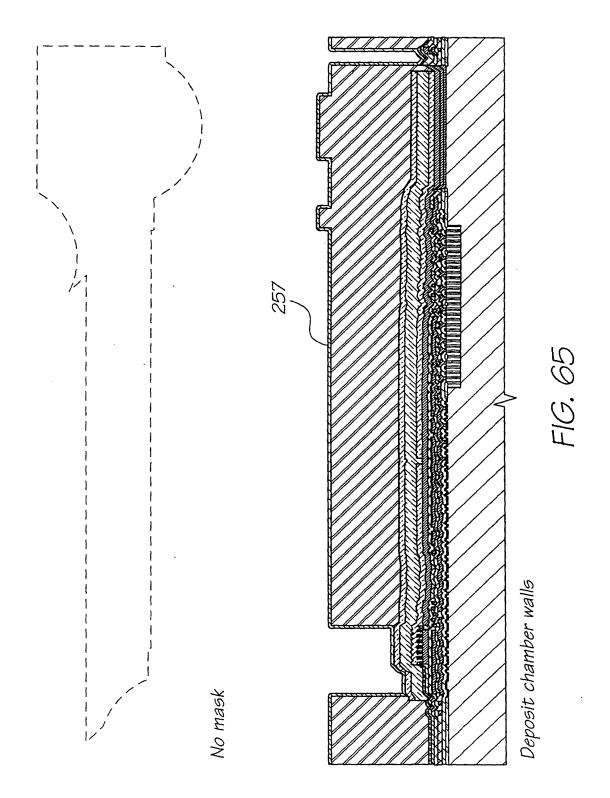
FIG. 58

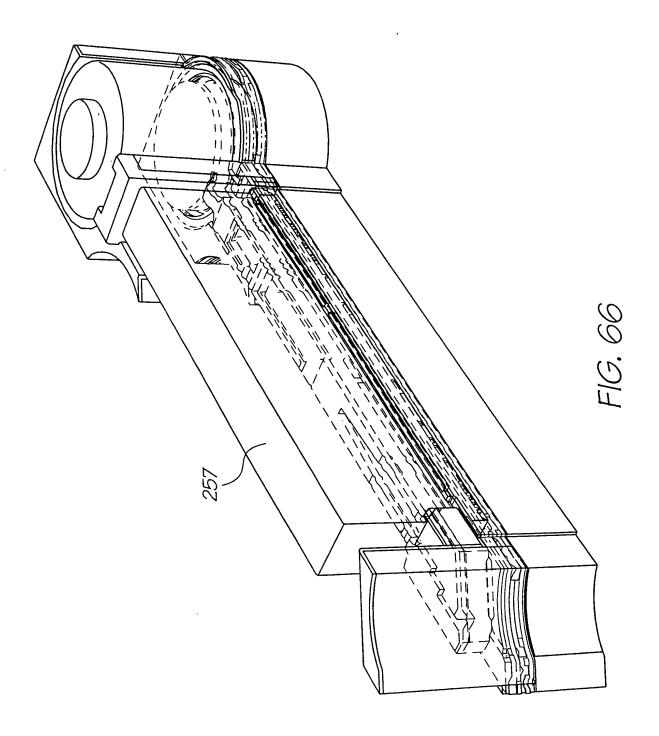


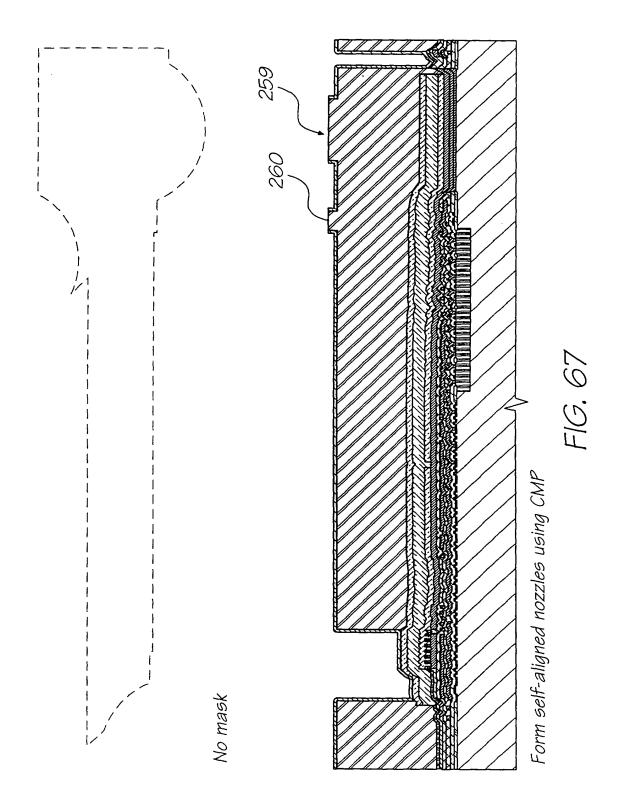


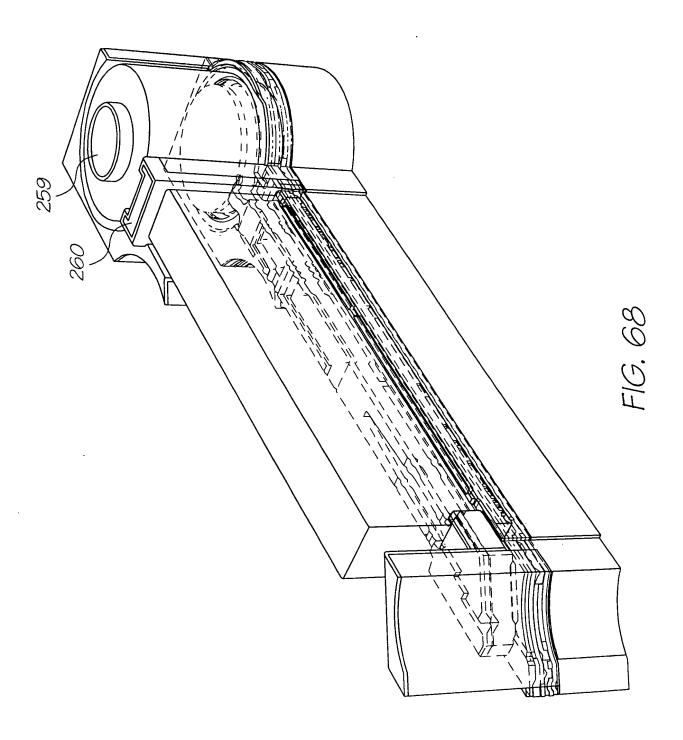


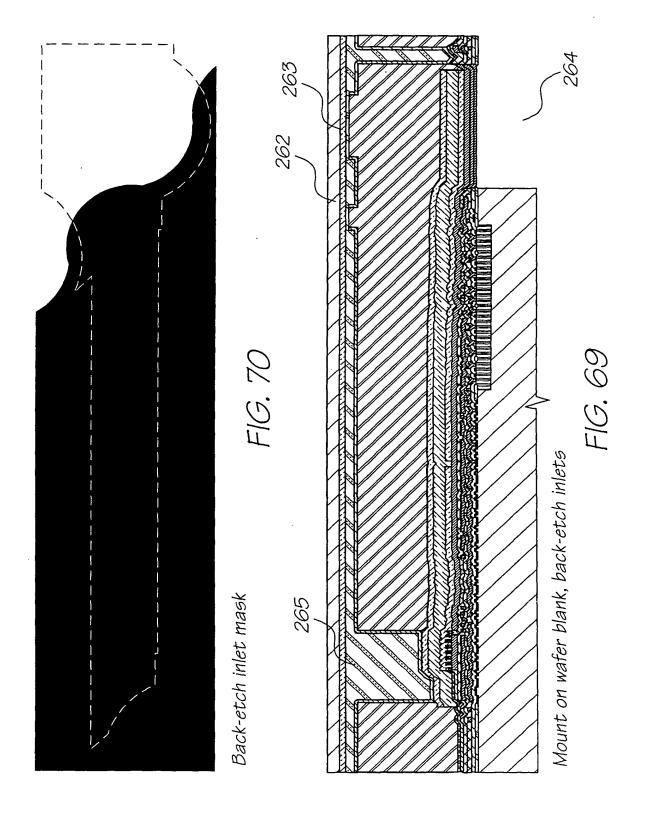


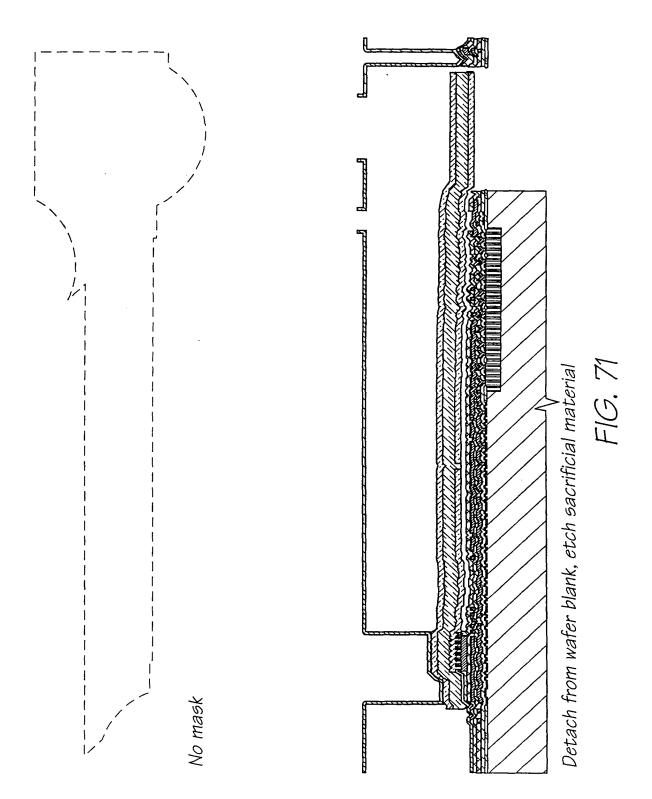


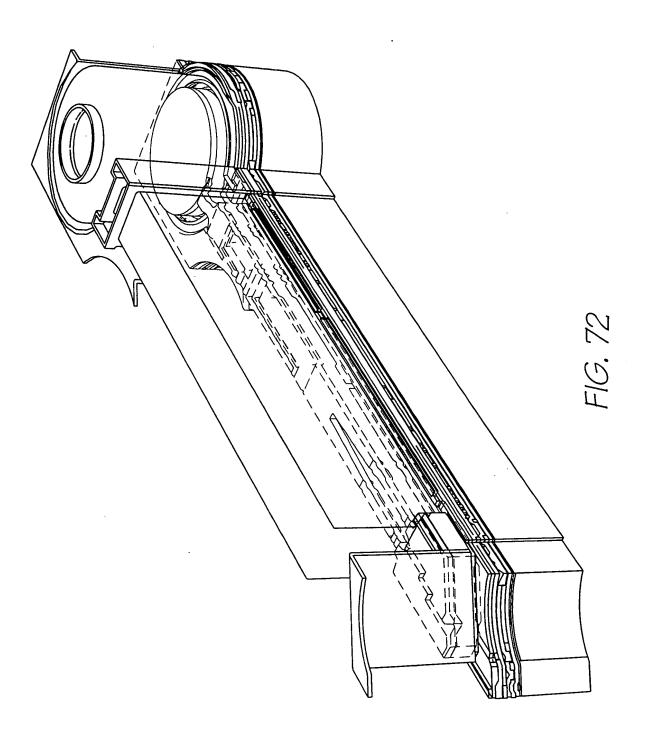


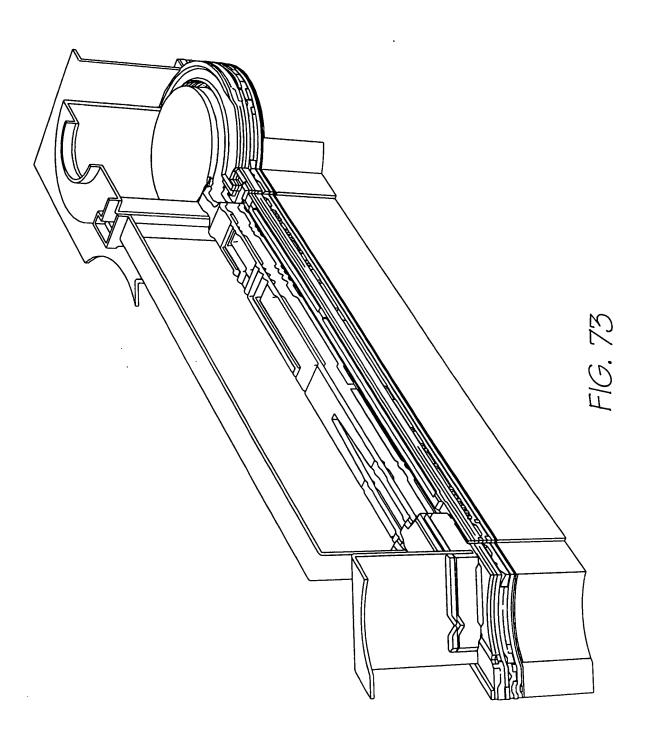


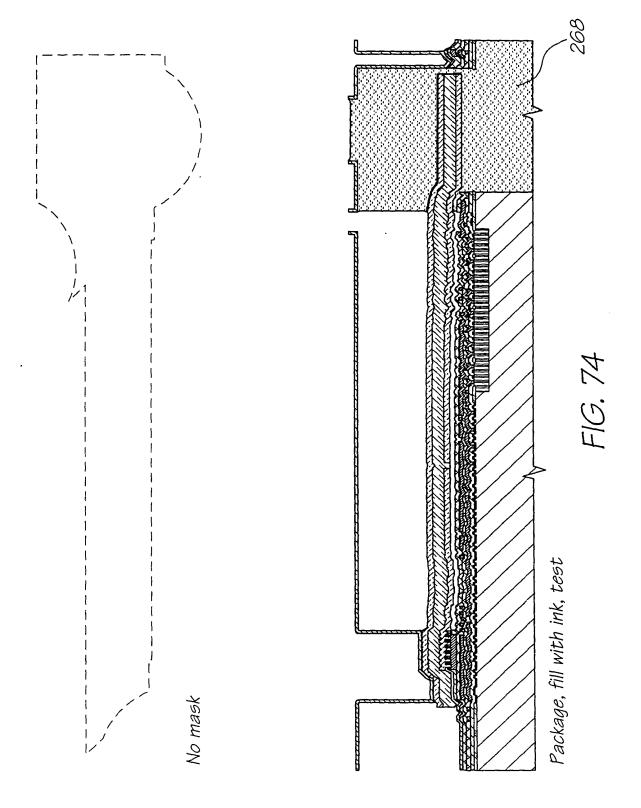


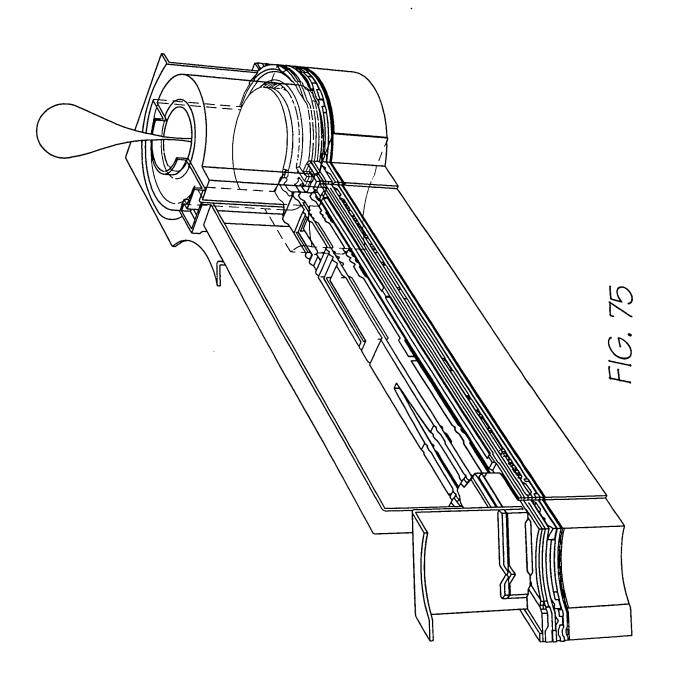












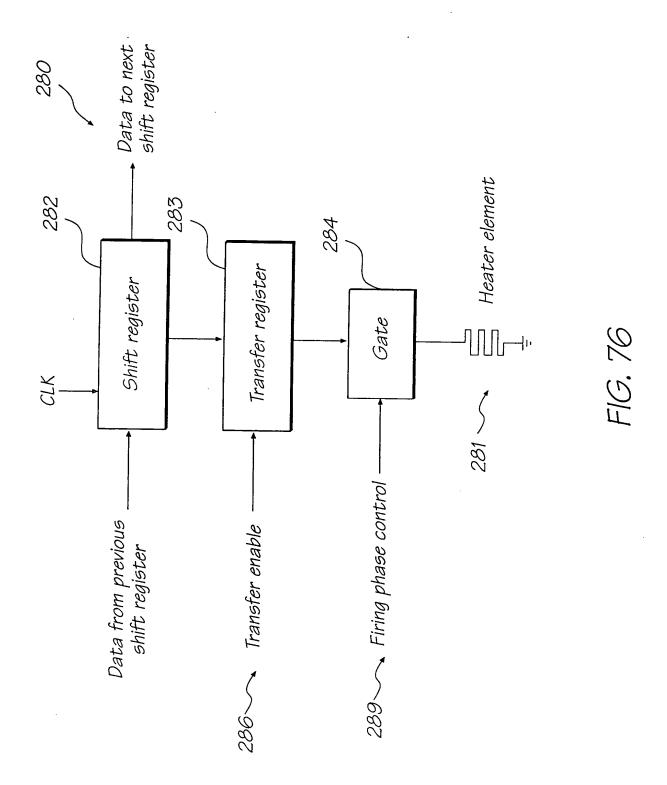


FIG. 77

FIG. 78

FIG. 79

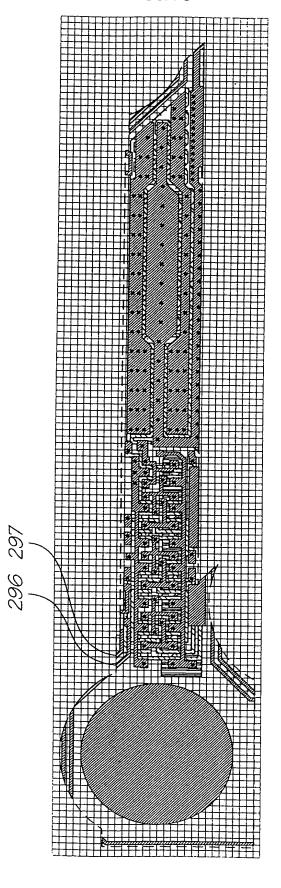


FIG. 80

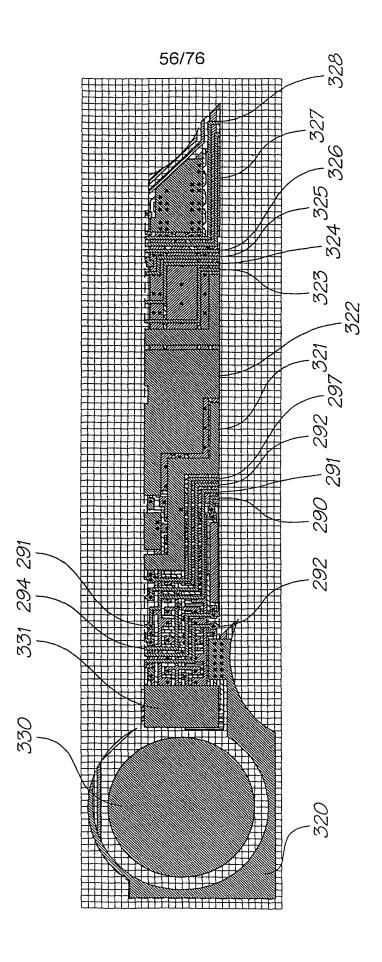
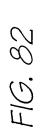
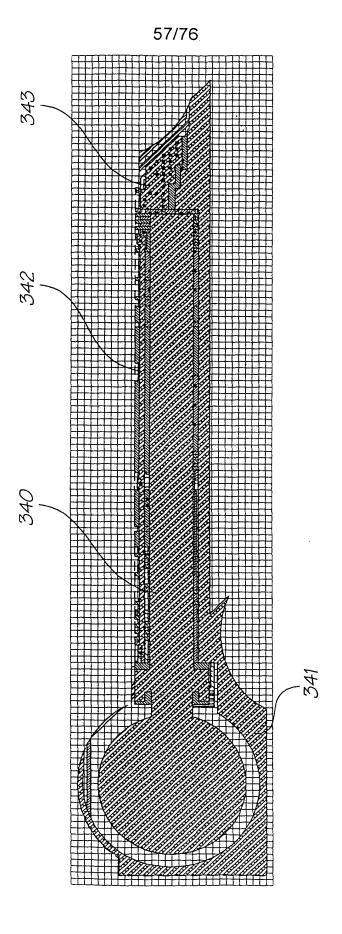
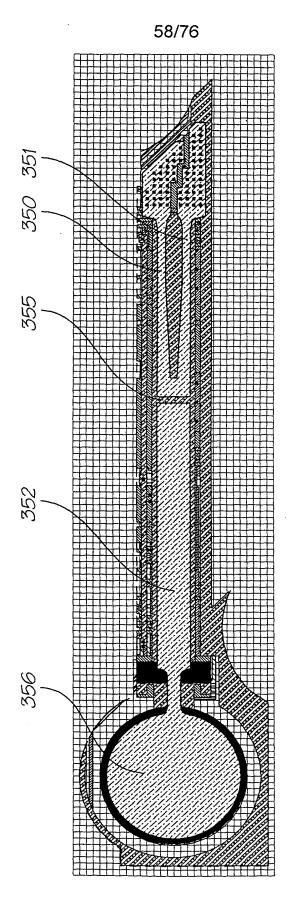


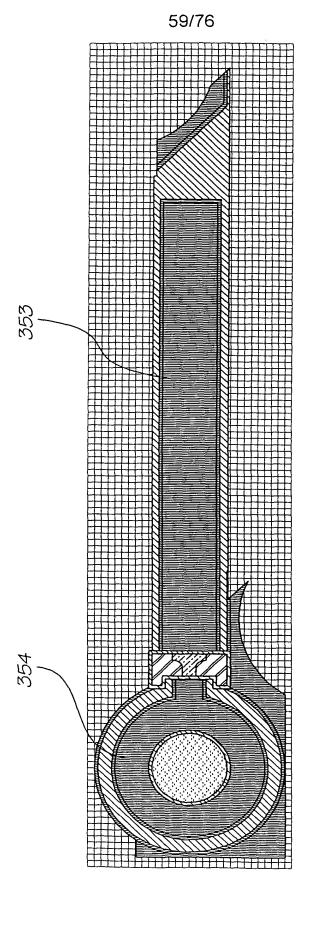
FIG. 81

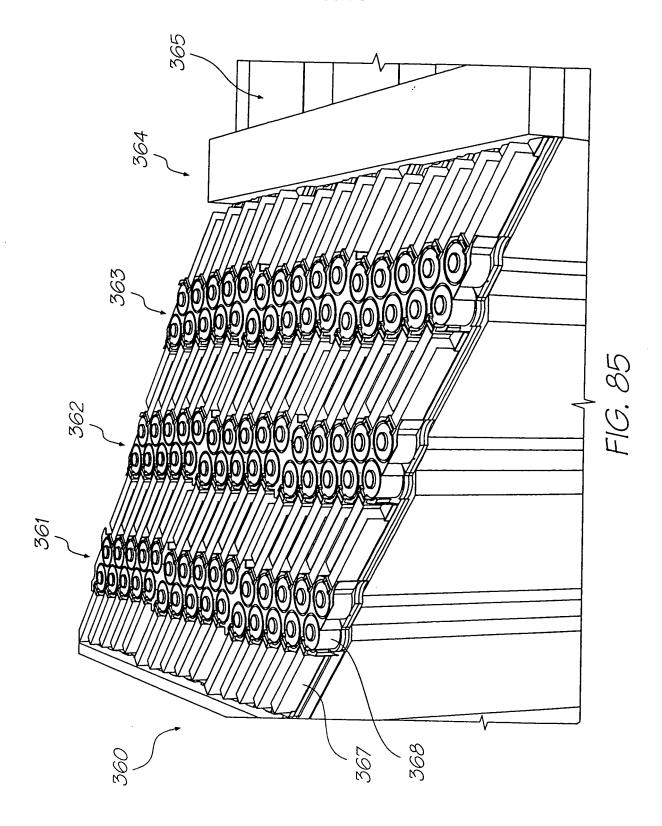


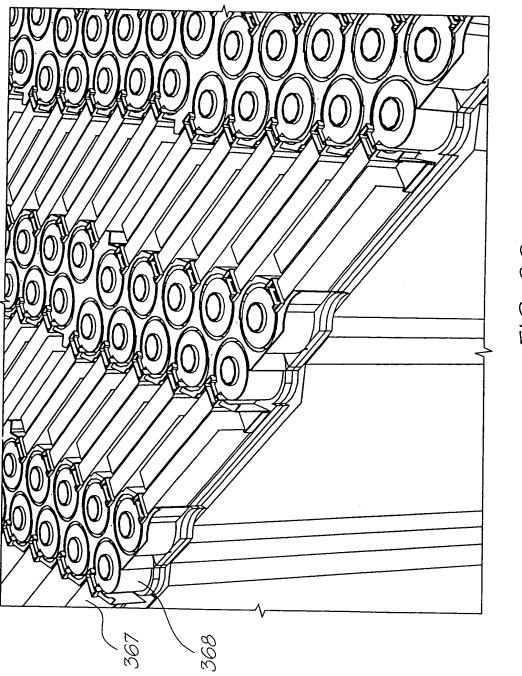












F1G. 86

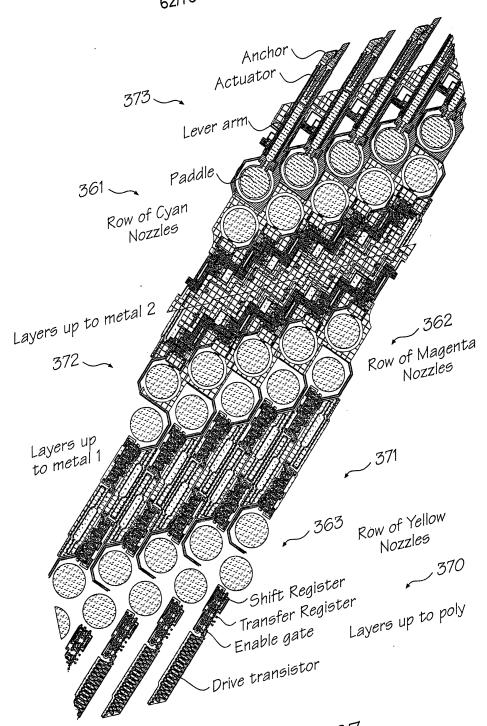
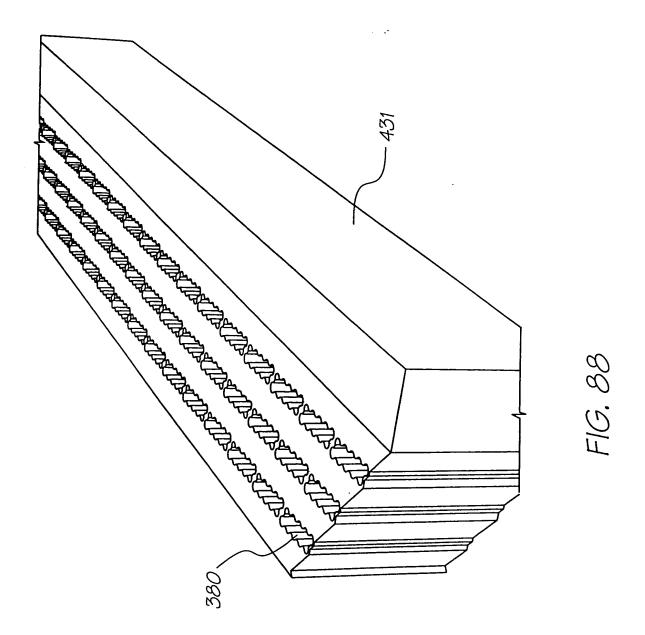
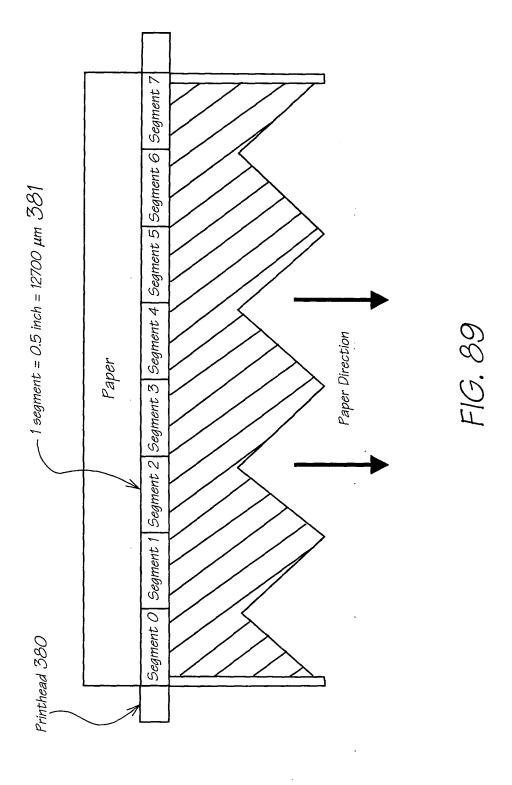
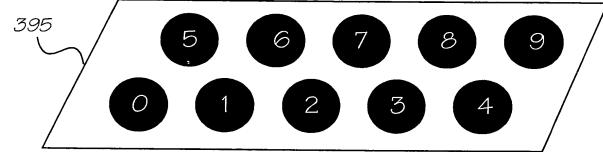


FIG. 87







A single pod, numbered by firing order

Fig. 90

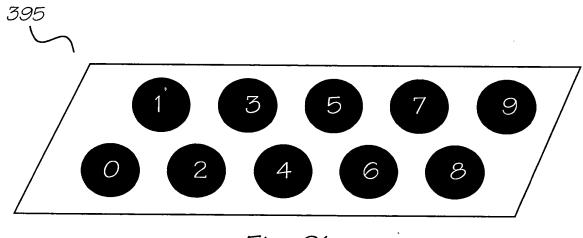
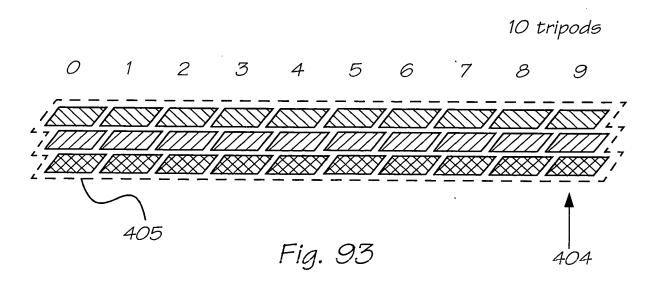


Fig. 91



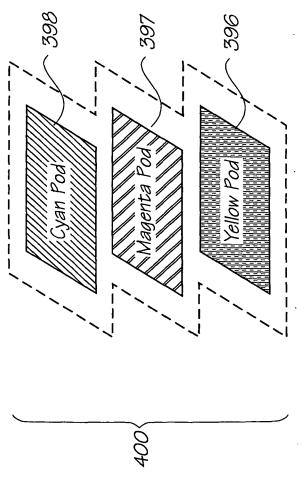


FIG. 92

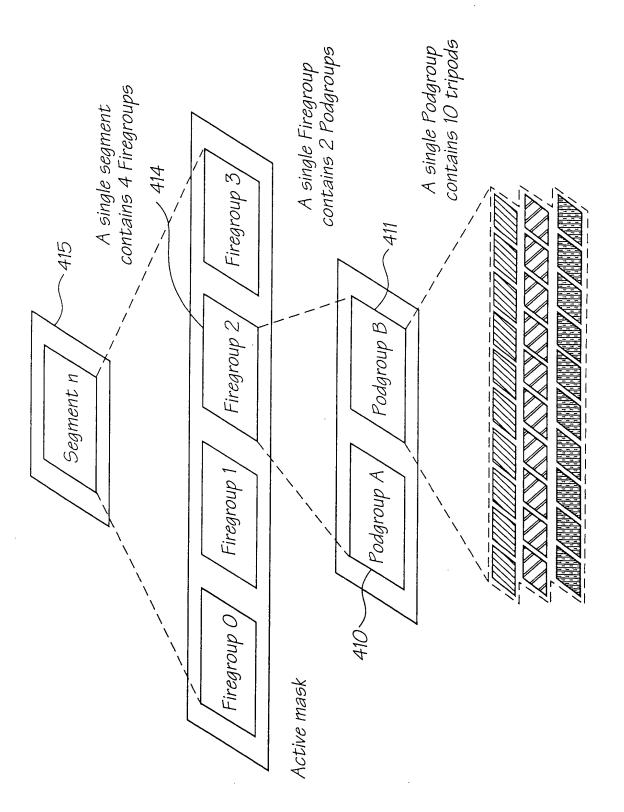


FIG. 94

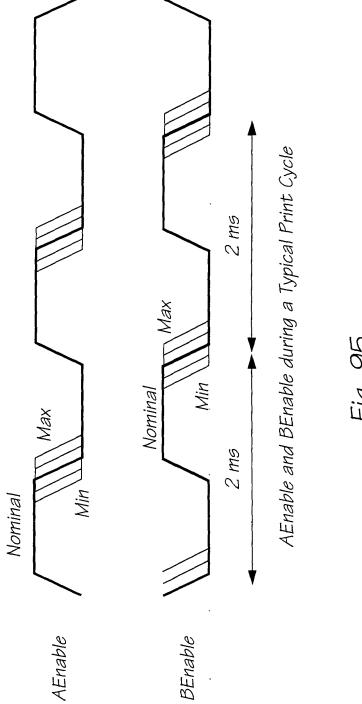
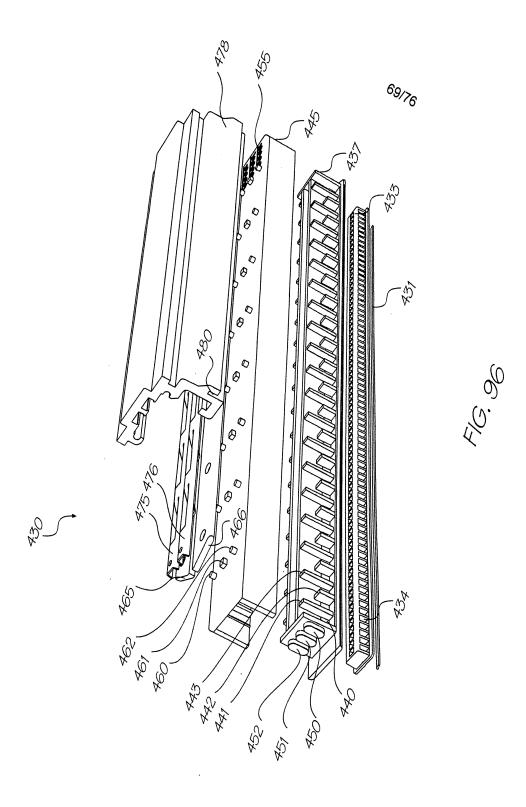


Fig. 95



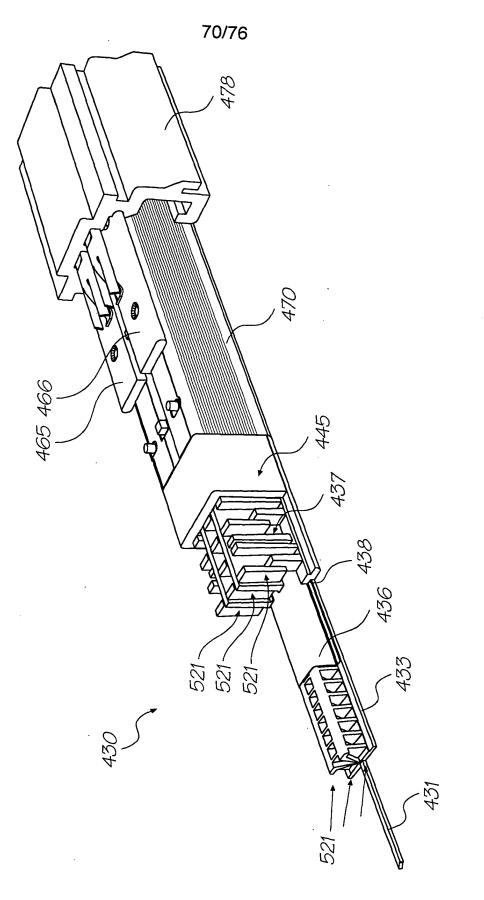
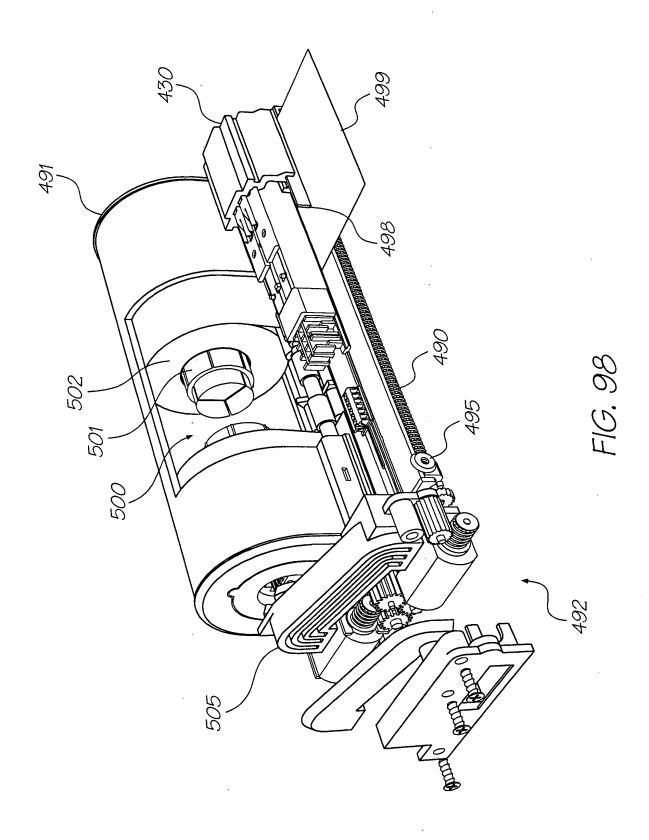


FIG. 97



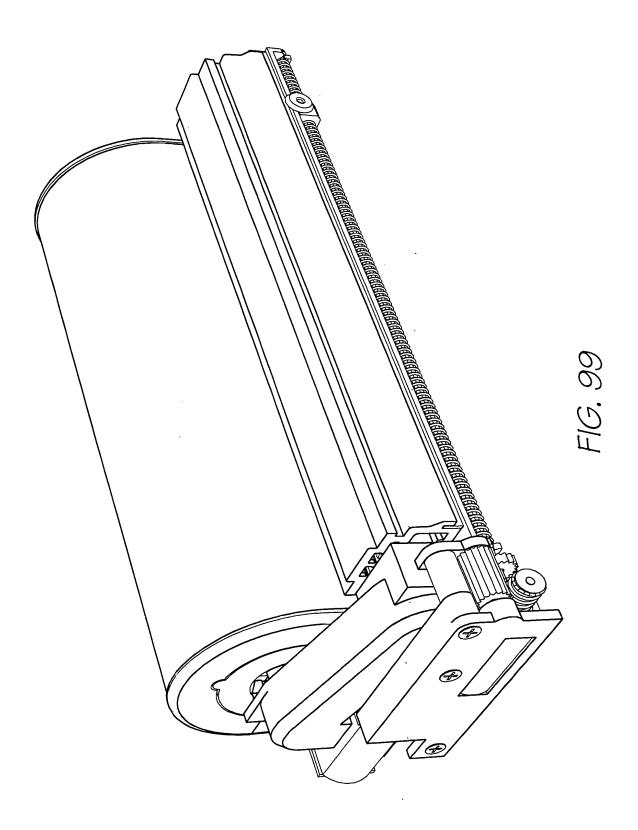


FIG. 100

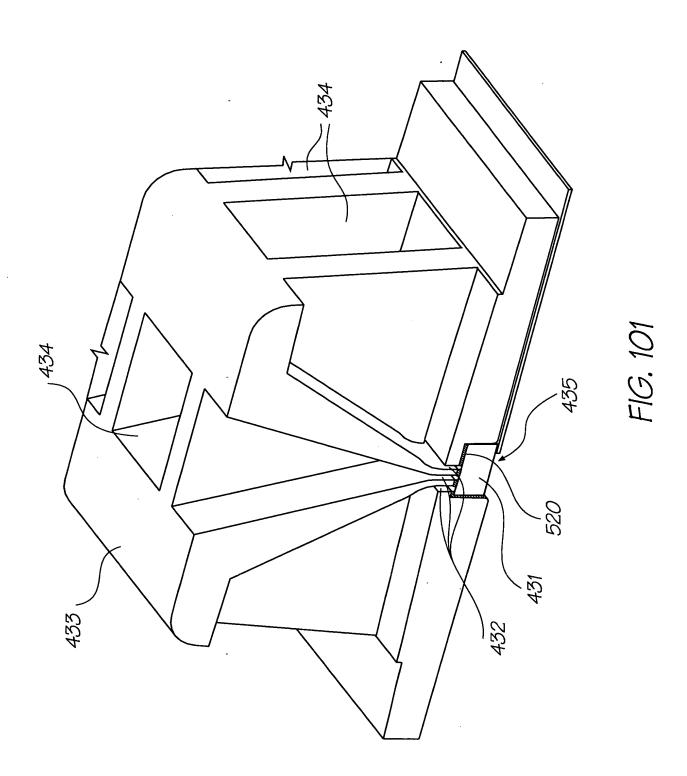


FIG. 102

